

AMENDMENTS TO THE DRAWINGS

***Replacement formal drawings of Figures 1-53 are submitted concurrently
herewith under a separate cover letter.***

REMARKS

By this Amendment, claims 7-8 and 10-12 are cancelled, claims 1-6, 9 and 13-17 are amended, and claims 18-21 is added. Thus, claims 1-6, 9 and 13-21 are active in the application. Reexamination and reconsideration of the application are respectfully requested.

The specification and abstract have been carefully reviewed and revised in order to correct grammatical and idiomatic errors in order to aid the Examiner in further consideration of the application. The amendments to the specification and abstract are incorporated in the attached substitute specification and abstract. No new matter has been added.

Also attached hereto is a marked-up version of the substitute specification and abstract illustrating the changes made to the original specification and abstract.

Replacement formal drawings of Figures 1-53 are submitted concurrently herewith under a separate cover letter in order to correct mislabeled reference numerals illustrated in Figures 9A, 9B, 16A, 16B, 17, 18, 19A, 19B, 38, 40-44, 45A, 45B and 48.

In particular, paragraphs [0060] and [0063] of the specification, for example, describe a fixing member 4 which includes pairs of magnets 321 and 322. However, Figures 9A and 9B illustrate the magnets 321 and 322 as being members of reference numeral 32, which is used in the specification and the drawings to denote the exterior screen of the exterior screen device 3 of the present invention. Accordingly, Figures 9A and 9B have each been revised to denote each pair of magnets 321 and 322 as being members of reference numeral 4 (the fixing member), instead of reference numeral 32.

In addition, Figures 16A, 16B, 17, 18, 19A and 19B each illustrated the front seat of the vehicle A with reference numeral "G." However, reference numeral G is used in the specification and the drawings to denote the opening at the back door B or rear hatch B of the vehicle A. Furthermore, the specification describes the front seat of these drawings with reference numeral D, not reference numeral G. Accordingly, Figures 16A, 16B, 17, 18, 19A and 19B have each been revised to denote the front seat with reference numeral D, instead of reference numeral G.

Furthermore, Figures 38, 40-44 and 48 each illustrated the ceiling of the vehicle A as corresponding to reference numeral "B." However, the ceiling of the vehicle A is

denoted with reference numeral "C" throughout the specification and in the drawings preceding Figures 38, 40-44 and 48. Accordingly, Figures 38, 40-44 and 48 have each been revised to denote the ceiling of the vehicle A with reference numeral C, instead of reference numeral B.

Moreover, the specification describes that display system illustrated in Figures 43, 44, 45A and 45B includes a first supporting member 10009 for supporting the lens 10008 and for covering the optical path for the light beam L emitted from the display device 10007 between the display device 10007 and the lens 10008. However, in Figures 43, 44, 45A and 45B, the first supporting member 10009 was incorrectly denoted with reference numeral 100010, which is also used to denote the reflecting member 100010 mounted near the ceiling C of the vehicle by means of the second supporting member 100011. Accordingly, Figures 43, 44, 45A and 45B have each been revised to denote the first supporting member with reference numeral 10009, instead of reference numeral 100010.

The Applicants respectfully submit that no new matter was added via the revisions to Figures 9A, 9B, 16A, 16B, 17, 18, 19A, 19B, 38, 40-44, 45A, 45 B and 48. Approval of the replacement formal drawings is respectfully requested.

For the Examiner's convenience, annotated marked-up drawings of Figures 9A, 9B, 16A, 16B, 17, 18, 19A, 19B, 38, 40, 41, 42, 43, 44, 45A, 45 B and 48 are submitted concurrently herewith under a separate cover letter in order to illustrate the revisions made to these drawings in the replacement formal drawings submitted herewith.

In item 2 on page 2 of the Office Action, claims 9 and 11 were rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which the Applicants regard as the invention. This rejection is believed to be moot with respect to claim 11 in view of the cancellation of claim 11.

Claim 9 has been amended herein to provide proper antecedent basis for each limitation recited therein. In particular, because claim 5, which claim 9 depends from, recites "a mounting position on...a back surface of a rear seat included in the vehicle" in the alternative, claim 9 has been amended to recite "the mounting position of said projector is on a back surface of a rear seat included in the vehicle." In view of the

amendments to claim 9, the Applicants respectfully submit that each limitation recited therein has proper antecedent basis. Accordingly, the Applicants respectfully request the Examiner to withdraw the rejection of claim 9 under 35 U.S.C. § 112, second paragraph.

The Applicants thank the Examiner for kindly indicating, in item 2 on page 4 of the Office Action, that claim 17 is allowed. Minor editorial revisions were made to claim 17 in order to improve the U.S. form thereof. The Applicants submit that the revisions to claim 17 were not to broaden or narrow the scope of protection for the present invention. Accordingly, the Applicants respectfully submit that claim 17, as amended, is still clearly in condition for allowance.

On page 2 of the Office Action, claims 1, 7 and 16 were rejected under 35 U.S.C. § 102(b) as being anticipated by DE 19938330A1. This rejection is believed to be moot with respect to claim 7 in view of the cancellation of claim 7.

Without intending to acquiesce to this rejection, independent claims 1 and 16 have each been amended in order to more clearly illustrate the marked differences between the present invention and the applied references.

In particular, claim 1 has been amended to define the display system as comprising “an interior screen mounted inside the vehicle for displaying an image by allowing the light beam emitted by said projector to pass therethrough or by reflecting the light beam.” The Applicants note that the additional recitation of the interior screen in claim 1 is substantially extracted from cancelled claim 12, which the Examiner kindly indicated to be allowed if rewritten in independent form.

Furthermore, the Applicants respectfully submit that DE 19938330A1 does not disclose or suggest a display system comprising an interior screen mounted inside the vehicle for displaying an image by allowing the light beam emitted by the projector to pass therethrough or by reflecting the light beam.

Instead, DE 19938330A1 merely discloses a projector 1 for projecting an image onto an exterior screen 15 for display. That is, DE 19938330A1 does not disclose or suggest a display system comprising an interior screen mounted inside the vehicle for displaying an image by allowing the light beam emitted by the projector 1 pass therethrough or by reflecting the light beam, as recited in claim 1.

Accordingly, DE 19938330A1 clearly does not disclose or suggest each and every limitation of claim 1. Therefore, claim 1 is clearly not anticipated by DE 19938330A1 since DE 19938330A1 fails to disclose or suggest each and every limitation of claim 1.

Claim 16 has been amended to recite at least one light shield, where a side surface of the light shield is fixed to a side surface of the screen. The amendment to claim 16 is supported by paragraph [0128] of the original specification, for example.

On page 3 of the Office Action, the Examiner asserted that the limitation “light shield” is met by the structure of a vehicle itself which shields light from the outside of the vehicle. Even with the Examiner’s broad construction of the limitation “light shield,” DE 19938330A1 clearly does not disclose or suggest that a side surface of the “vehicle itself” is fixed to a side surface of the screen. That is, DE 19938330A1 merely discloses that the exterior screen 15 is secured at its top and bottom ends by a housing frame unit 8, 12, 14. DE 19938330A1, however, does not disclose or suggest that a side surface of “the vehicle itself” (or any other “light shield” disclosed in DE 19938330A1) is fixed to a side surface of the screen 15.

Accordingly, DE 19938330A1 clearly does not disclose or suggest each and every limitation of claim 16. Therefore, claim 16 is clearly not anticipated by DE 19938330A1 since DE 19938330A1 fails to disclose or suggest each and every limitation of claim 16.

On page 3 of the Office Action, claims 2-6 were rejected under 35 U.S.C. § 103(a) as being unpatentable over DE 19938330A1 in view of Chan (U.S. 5,281,985). As demonstrated above, DE 19938330A1 clearly fails to disclose or suggest each and every limitation of claims 1 and 16.

Similar to DE 19938330A1, Chan et al. also fails to disclose or suggest (1) a display system comprising an interior screen mounted inside the vehicle for displaying an image by allowing the light beam emitted by the projector pass therethrough or by reflecting the light beam, as recited in claim 1, and (2) a side surface of the light shield is fixed to a side surface of the screen, as recited in claim 16.

Therefore, Chan et al. clearly fails to cure the deficiencies of DE 19938330A1 for failing to disclose or suggest each and every limitation of claims 1 and 16.

Accordingly, no obvious combination of DE 19938330A1 and Chan et al. would result in the inventions of claims 1 and 16 since DE 19938330A1 and Chan et al., either

individually or in combination, clearly fail to disclose or suggest each and every limitation of claims 1 and 16.

Therefore, for at least the foregoing reasons, claims 1 and 16 are clearly allowable over DE 19938330A1 and Chan et al.

Furthermore, it is submitted that the clear distinctions discussed above are such that a person having ordinary skill in the art at the time the invention was made would not have been motivated to modify DE 19938330A1 and Chan et al. in such a manner as to result in, or otherwise render obvious, the present invention as recited in claims 1 and 16.

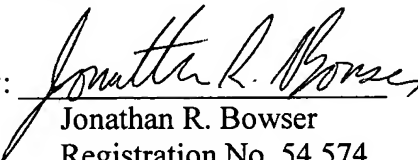
Therefore, it is submitted that the claims 1 and 16, as well as claims 2-6, 13-15 and 18-21 which depend therefrom, are clearly allowable over the prior art as applied by the Examiner.

In view of the foregoing amendments and remarks, it is respectfully submitted that the present application is clearly in condition for allowance. An early notice thereof is respectfully solicited.

If, after reviewing this Amendment, the Examiner feels there are any issues remaining which must be resolved before the application can be passed to issue, the Examiner is respectfully requested to contact the undersigned by telephone in order to resolve such issues.

Respectfully submitted,

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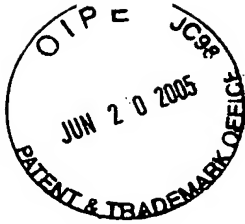


FIG. 9A

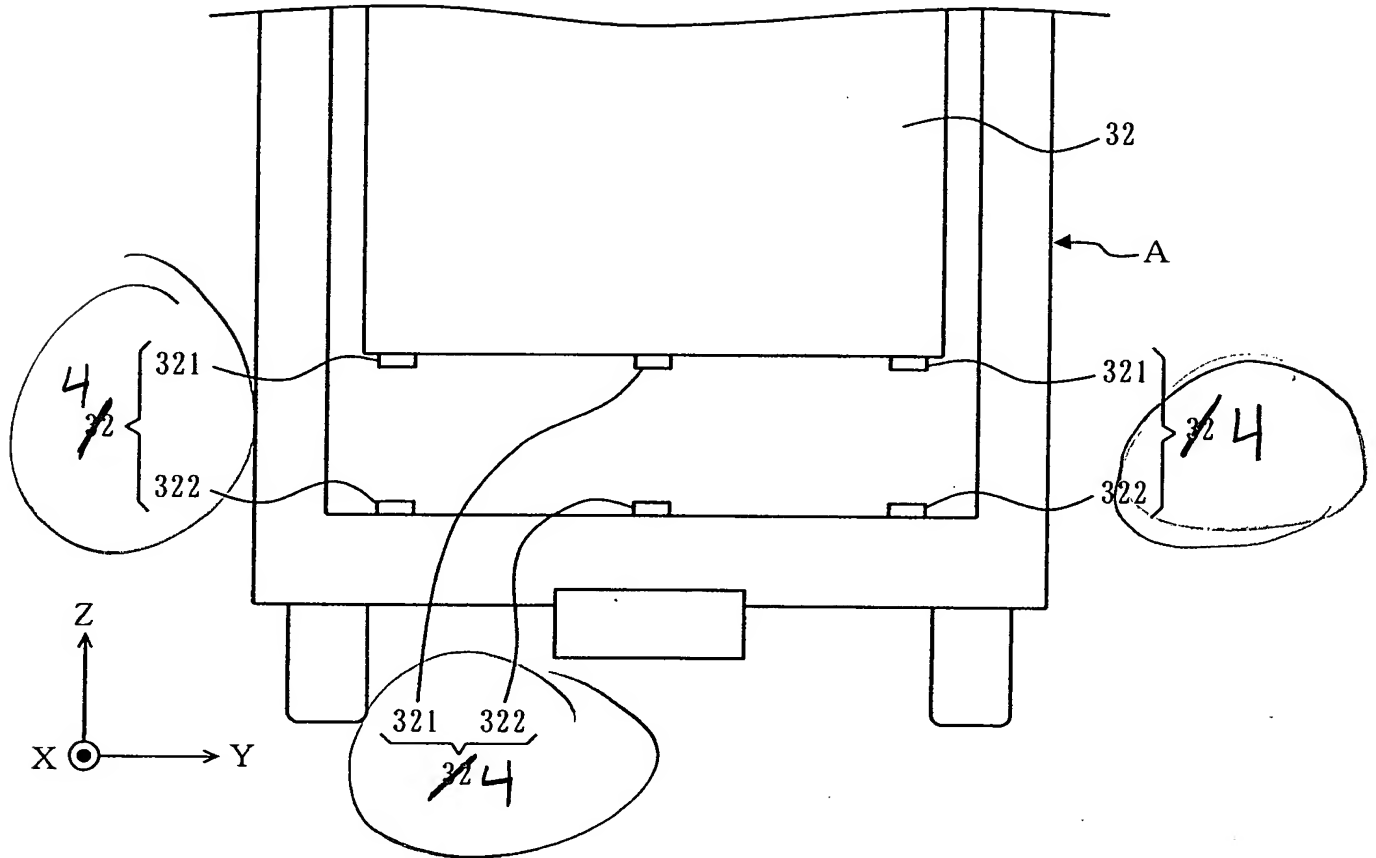


FIG. 9B

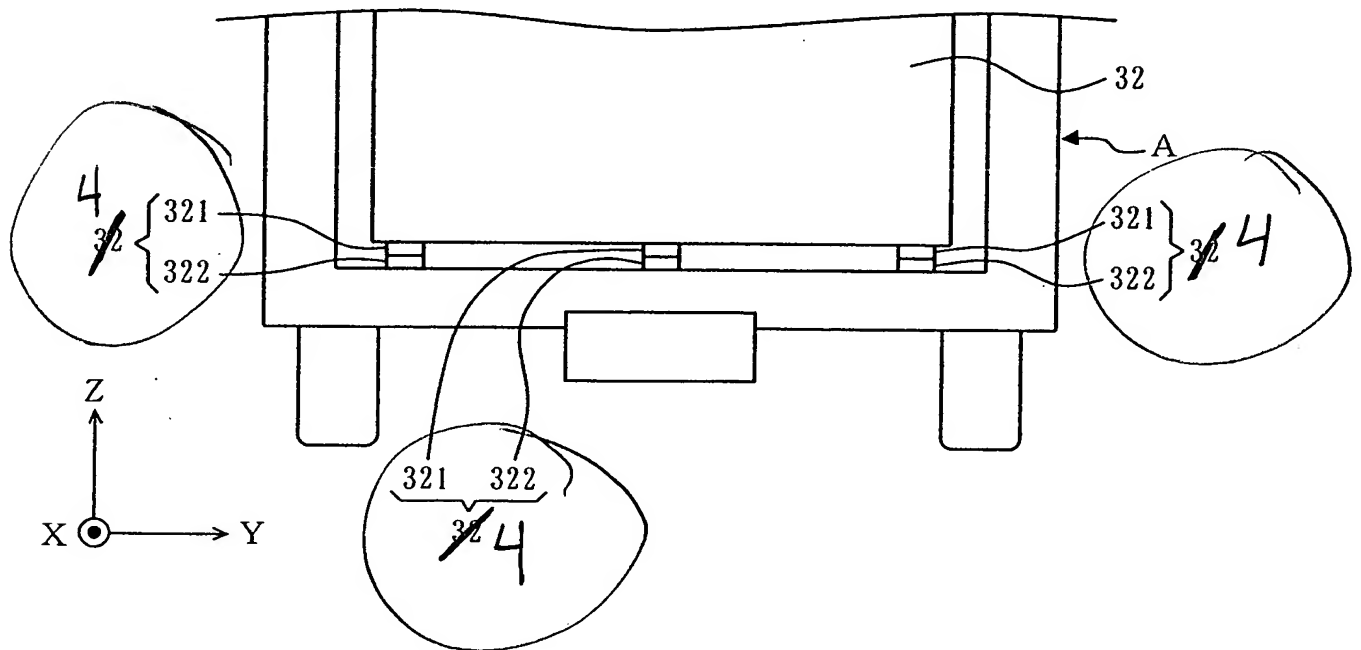


FIG. 16A

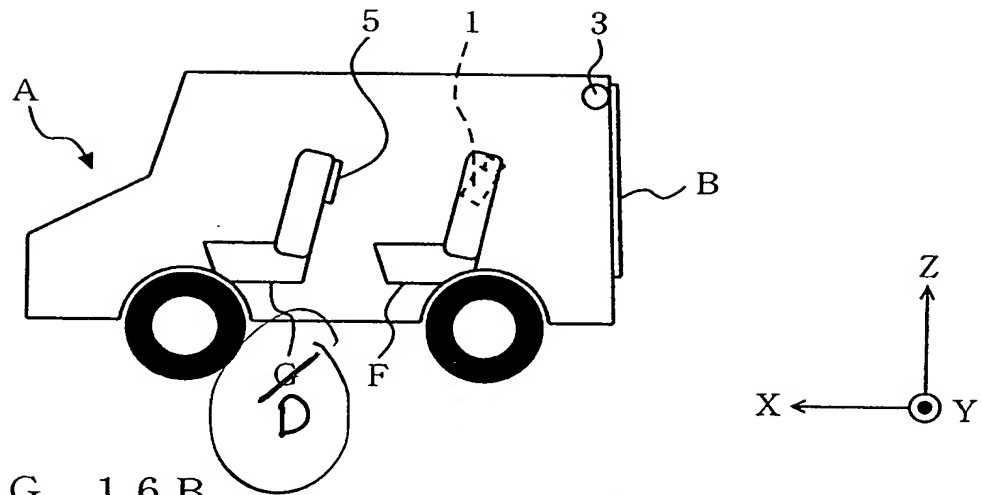


FIG. 16B

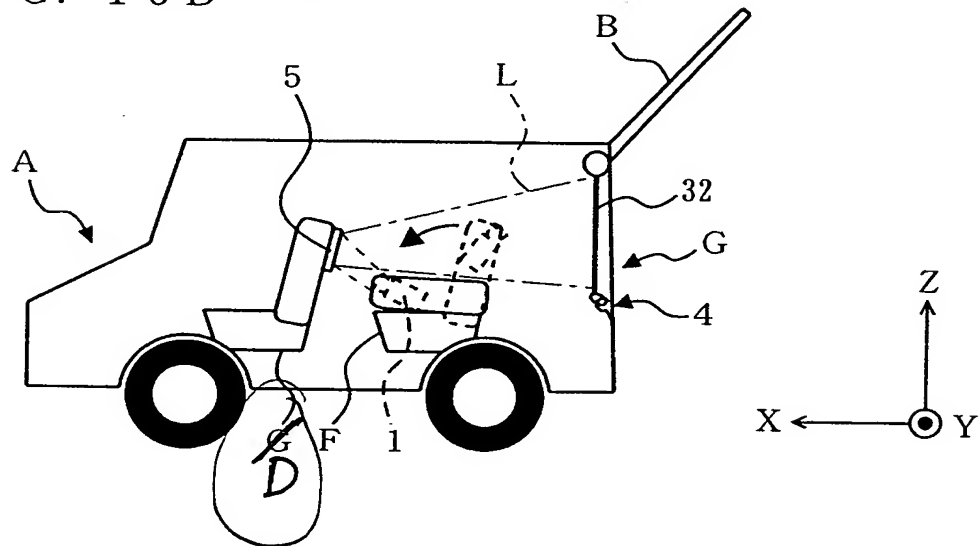


FIG. 17

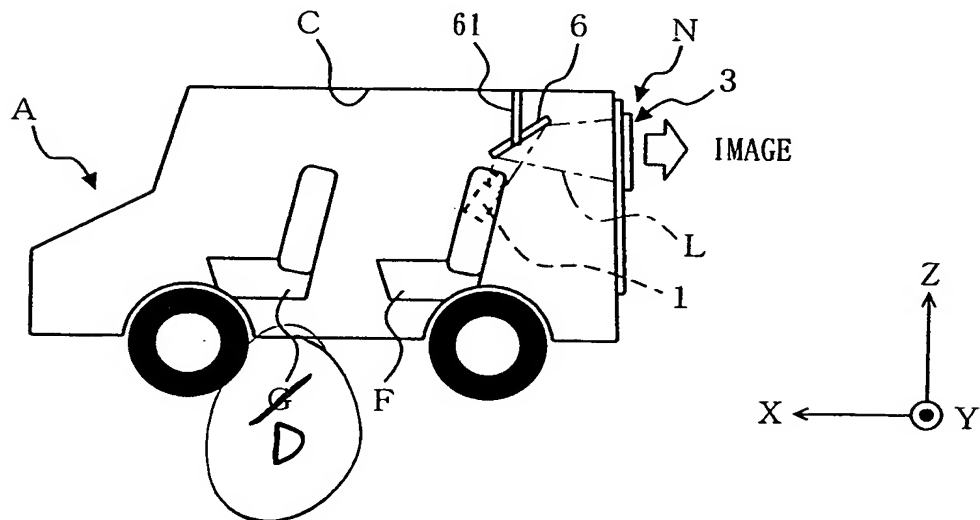


FIG. 18

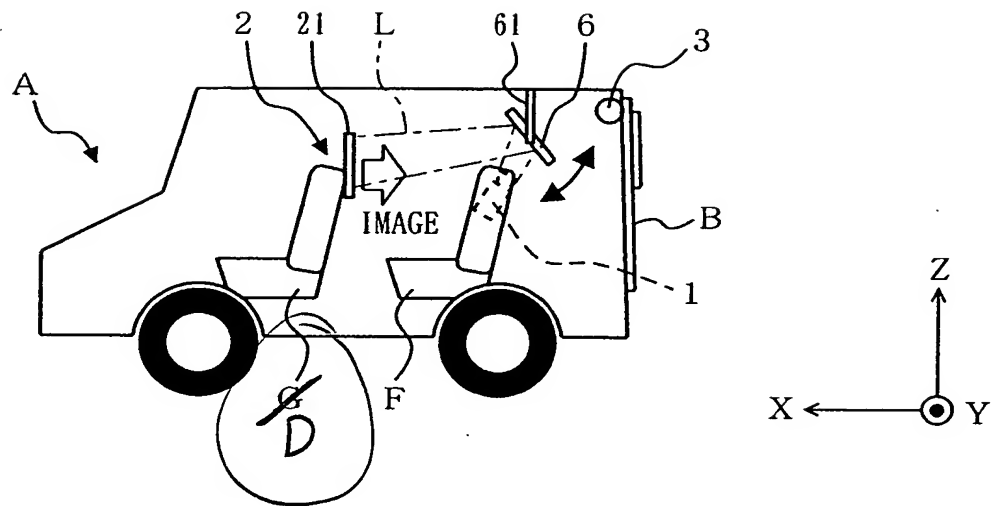


FIG. 19A

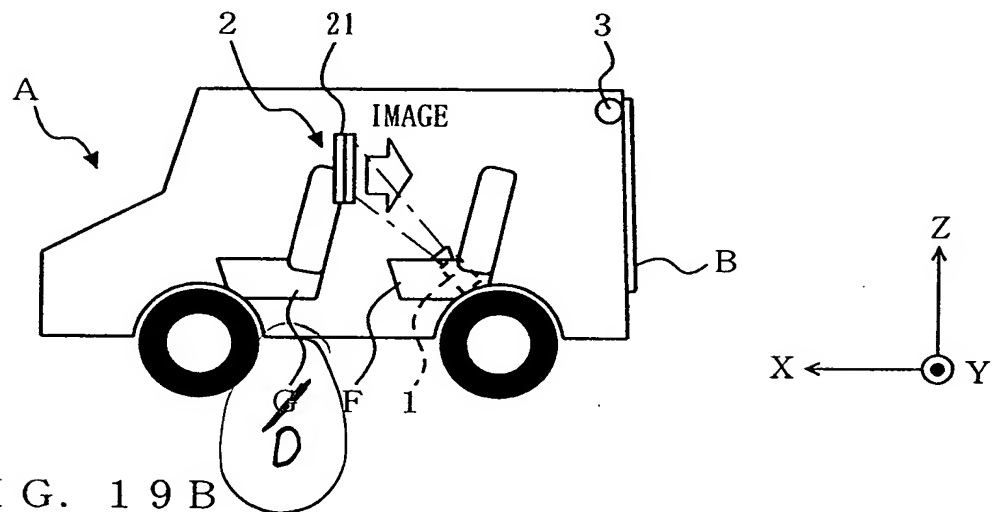


FIG. 19B

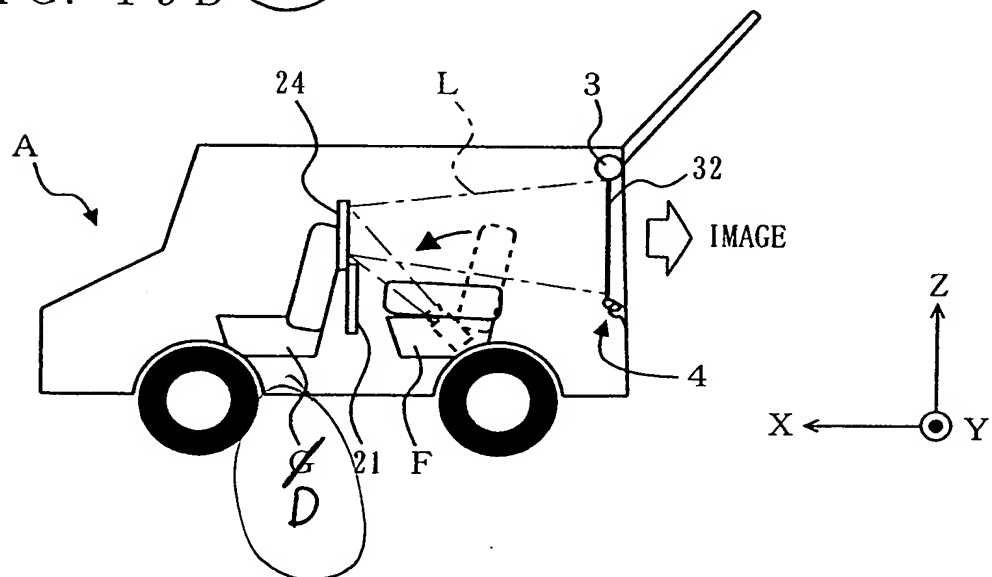


FIG. 38

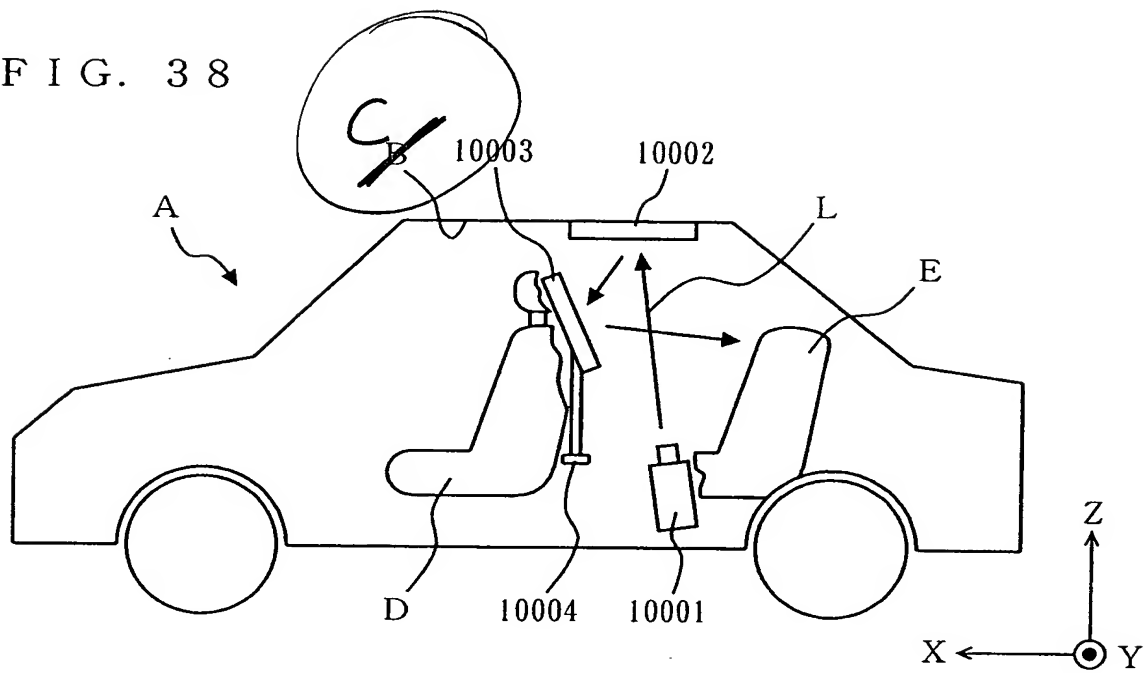


FIG. 39

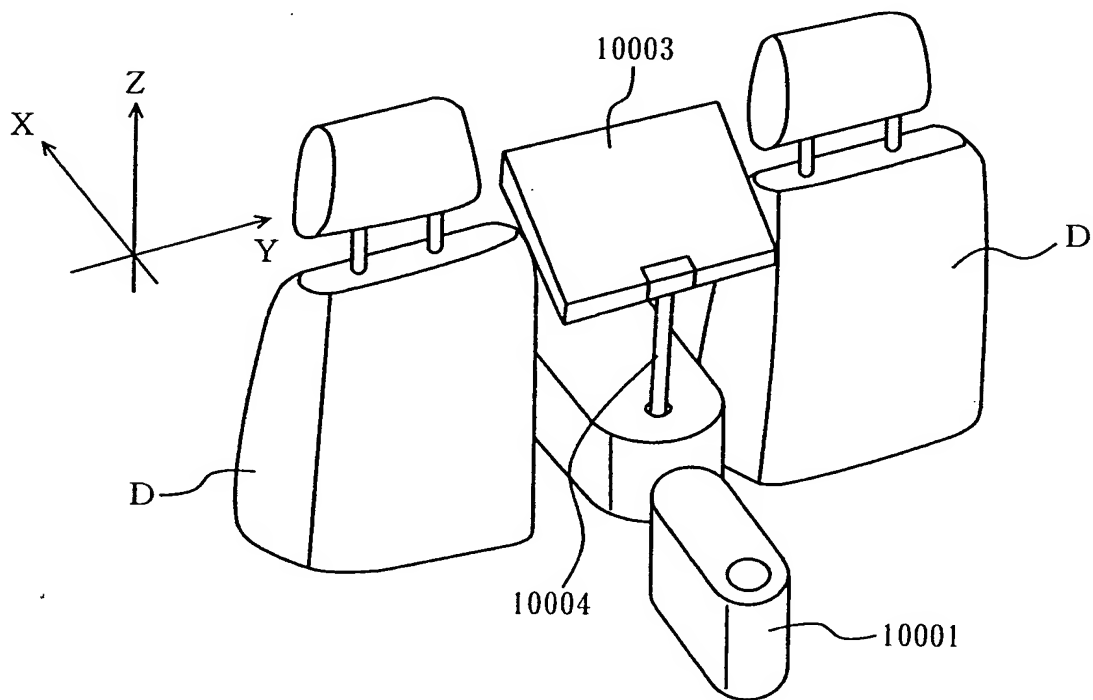


FIG. 40

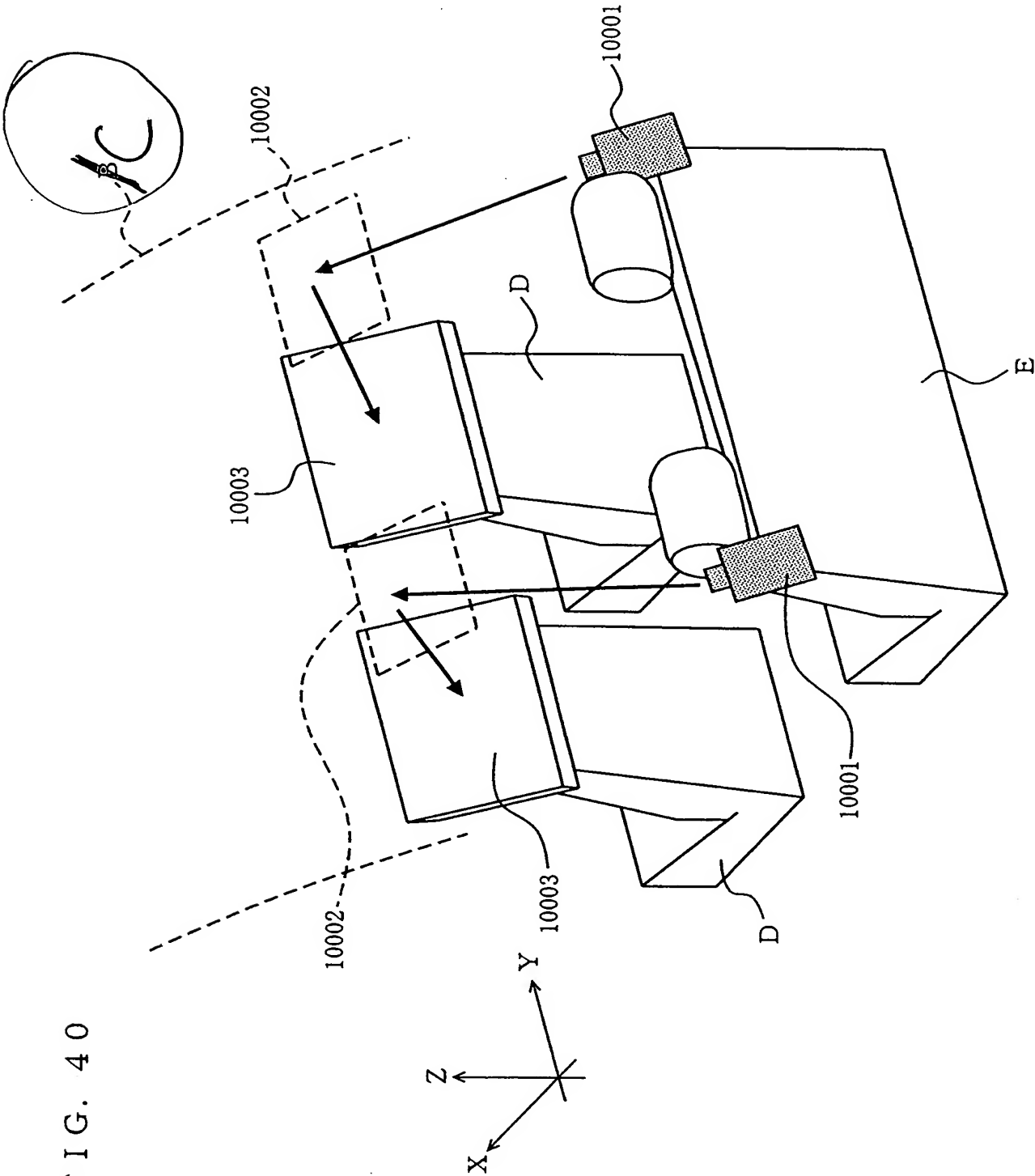


FIG. 41

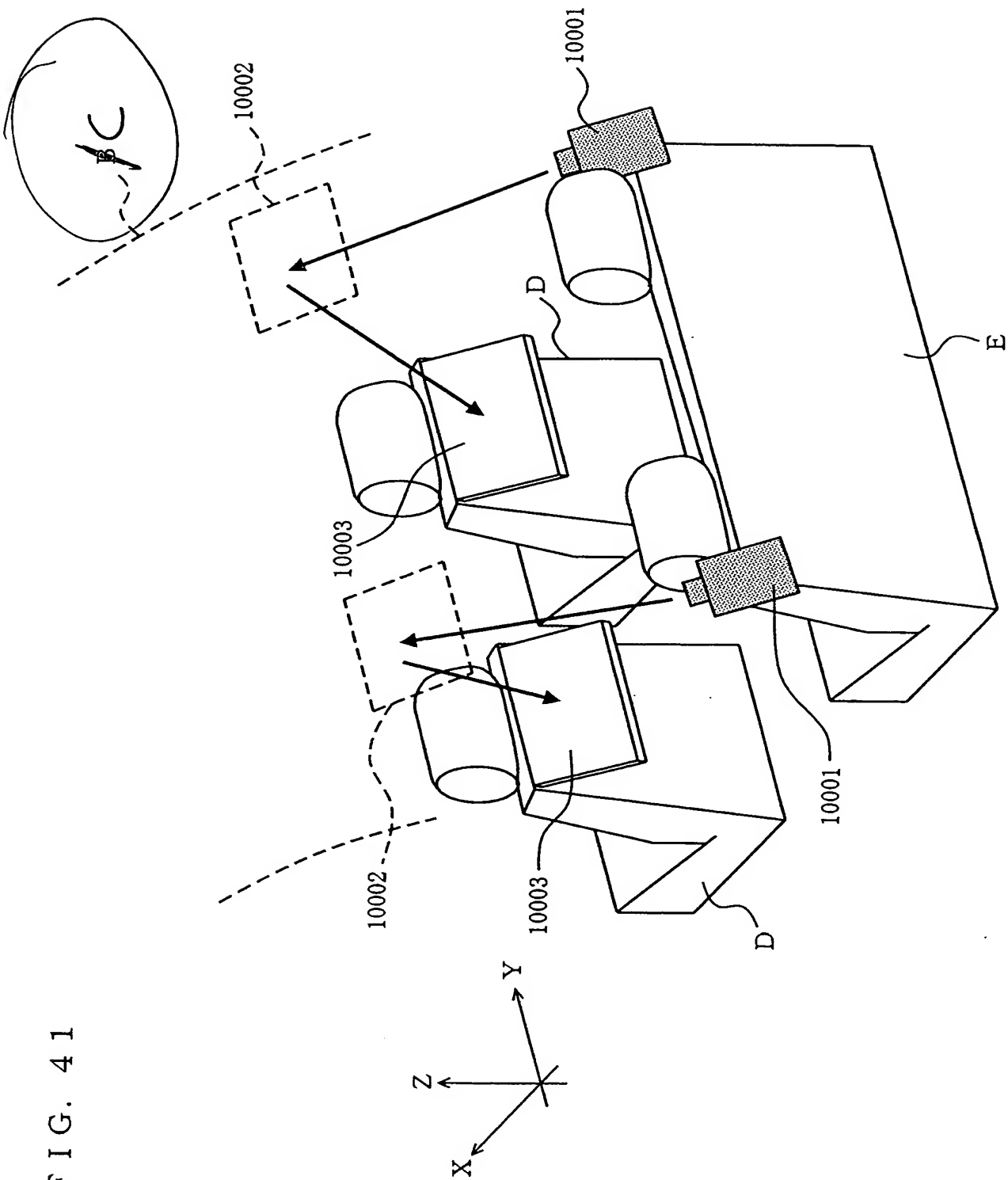


FIG. 42

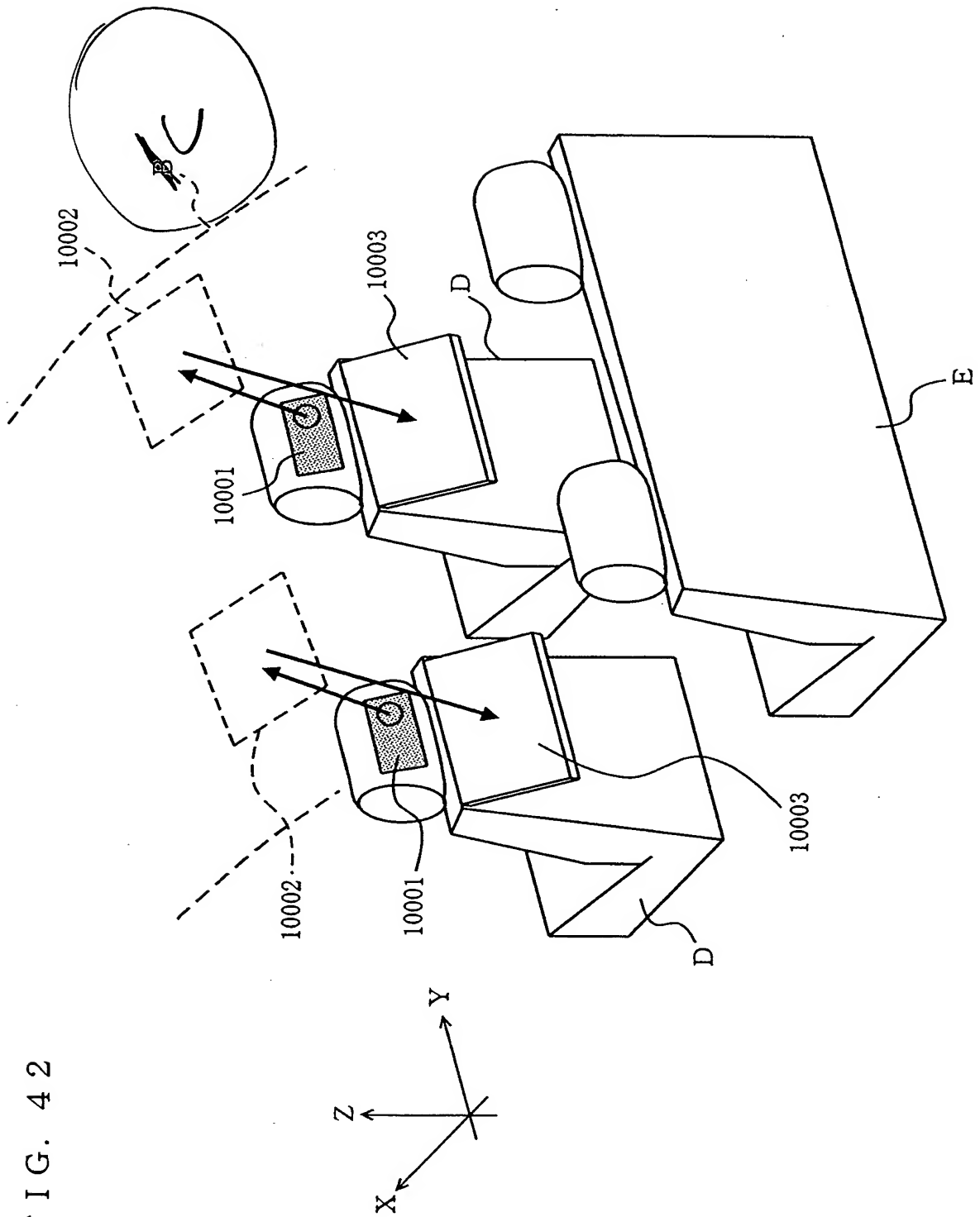


FIG. 43

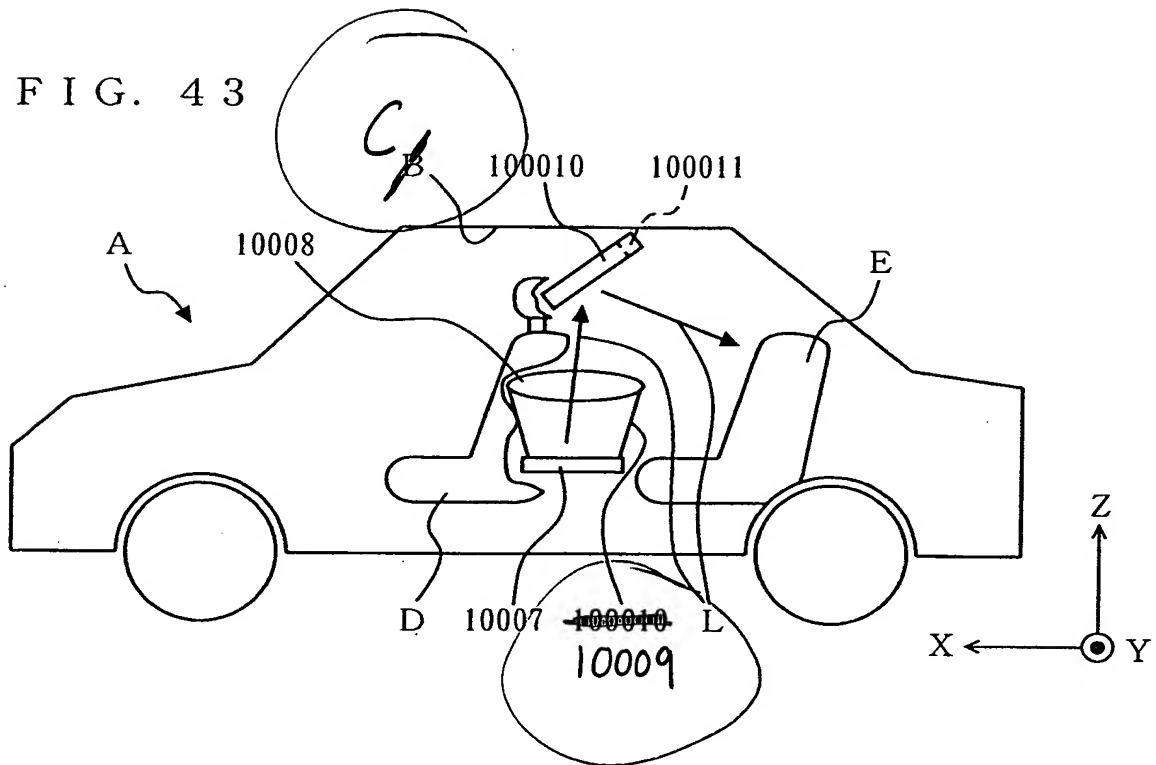


FIG. 44

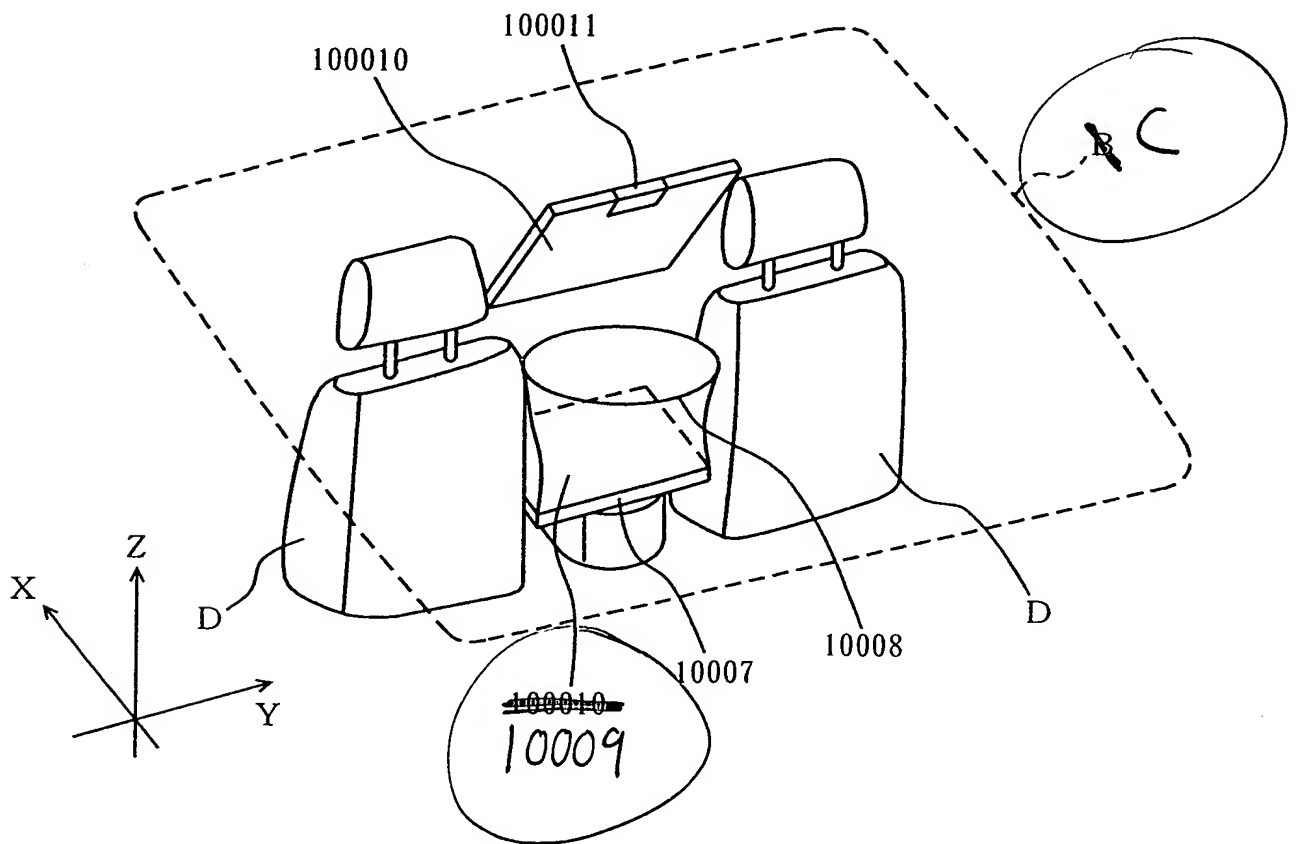


FIG. 45A

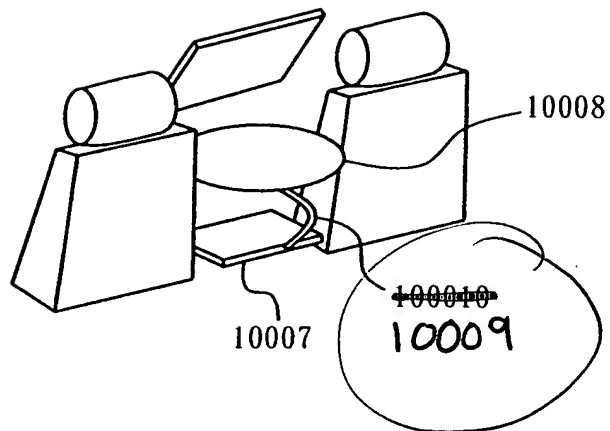


FIG. 45B

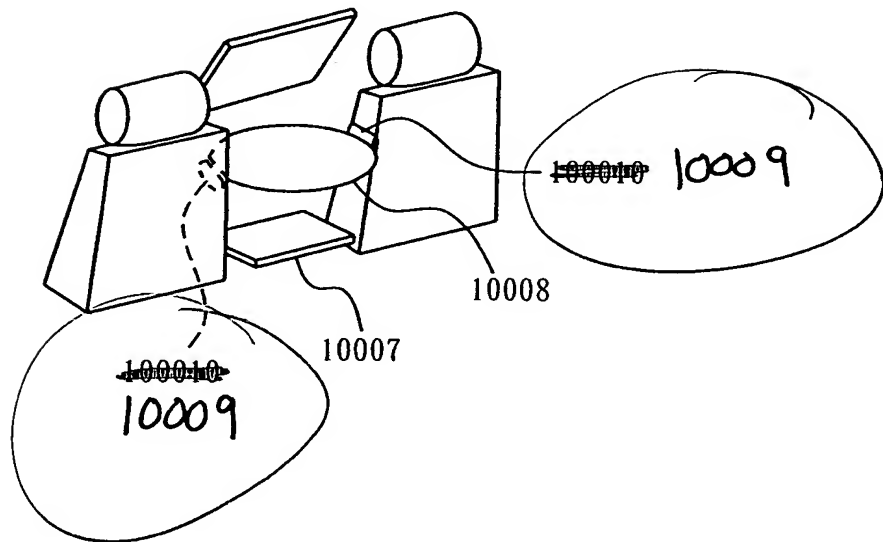


FIG. 48

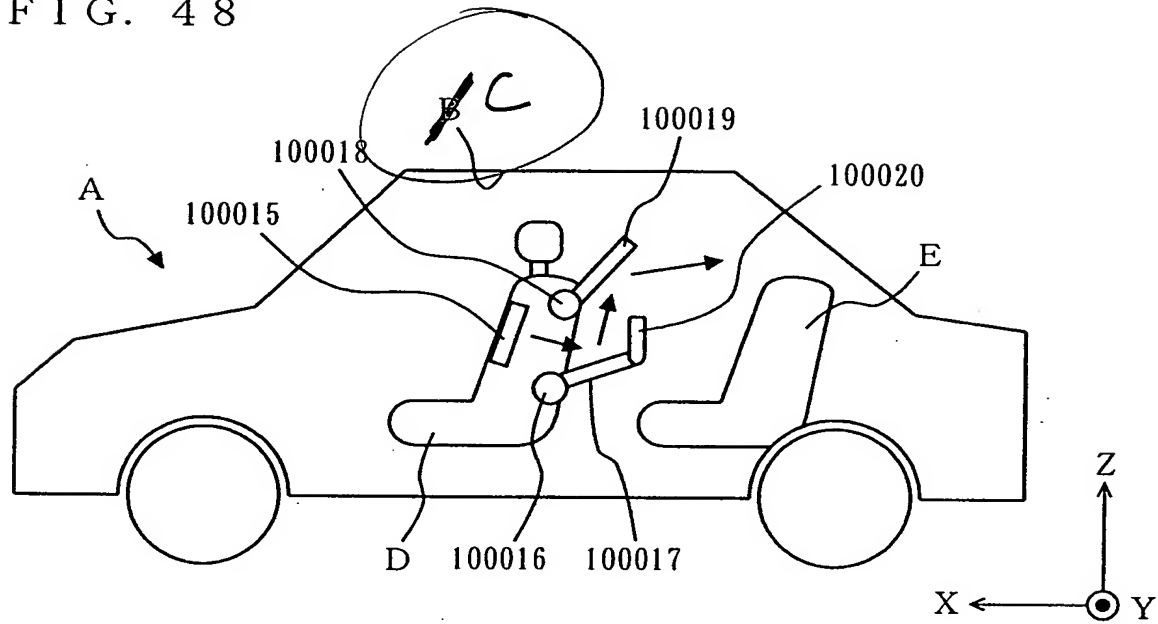


FIG. 49

